

20000403.qrp v01_n780.qrl.20000403

Date: Mon, 3 Apr 2000 19:03:09 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1780

QRP-L Digest 1780

Topics covered in this issue include:

- 1) [67084] FS: Ten Tec 515
by Glen Reid <k5fx@flash.net>
- 2) [67085] chassis/hole punch - Manhattan pads - Catalog SKU# number?
by Brien Pepperdine <pepperb@gov.on.ca>
- 3) [67086] Re: chassis/hole punch - Manhattan pads - Catalog SKU# number?
by KB7WW Art Moe <kb7ww@chatusa.com>
- 4) [67087] ARRL DXCC2000 AWARD
by "J. Ervin Bates" <w8erv@email.msn.com>
- 5) [67088] Norcal Gentlemen's Agreement Still Valid?
by "Paul R. Valko" <prvalko@oakland.edu>
- 6) [67089] New Ham Radio Movie: Frequency
by "Roger J. Wendell" <zeekzilch@juno.com>
- 7) [67090] Re: New Ham Radio Movie: Frequency
by "K7FD-N7SG" <cqdx@teleport.com>
- 8) [67091] Re:DXCC 2000 Millennium Award
by W1XV@cs.com
- 9) [67092] Re: low power hf amplifier
by "Maddog 'n' Miracles" <maddog@io.com>
- 10) [67093] Re: New Ham Radio Movie: Frequency
by Nv4t@aol.com
- 11) [67094] Re: New Ham Radio Movie: Frequency
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 12) [67095] Re: New Ham Radio Movie: Frequency
by GE1am30092@aol.com
- 13) [67096] Keyers: Tech Stuff - Super CMOS III
by k5gq@juno.com
- 14) [67097] NorCal NC-20 For Sale
by "Harvey Mitchell" <k5yu@worldspy.net>
- 15) [67098] Re: low power hf amplifier
by DONALD DORN <DDORN@CWIS.NET>
- 16) [67099] DXCC2000 Award.....THANKS!
by "J. Ervin Bates" <w8erv@email.msn.com>
- 17) [67100] Re: chassis/hole punch - Manhattan pads - Catalog SKU# number?
by Wa3ptg@aol.com
- 18) [67101] Re: Contest Logs
by Randy Foltz <rfoltz@turbonet.com>
- 19) [67102] INFO on new QRP++ being sold?

- by Patrick Armstrong <aa7fg@gte.net>
- 20) [67103] DAYTON
by "Ken Evans" <w4du@bellsouth.net>
- 21) [67104] Clubs: NorCal Gentleman's Agreement
by "Doug Hendricks" <ki6ds@hotmail.com>
- 22) [67105] CQ K7SY... QRP+ info?
by Patrick Armstrong <aa7fg@gte.net>
- 23) [67106] QRQ Net Results
by BenNW7DX@aol.com
- 24) [67107] KAK Virus
by "J. Ervin Bates" <w8erv@email.msn.com>
- 25) [67108] ATT:John A7NO.....You're Mail Keep's Bouncin`.....
by "Andy GM0NWI" <Gm0nwi@tesco.net>
- 26) [67109] Contest Scores etc...
by Jerry Parker <jparker@fix.net>
- 27) [67110] Last Call for SOC Logs
by Bob Patten <n4bp@bc.seflin.org>
- 28) [67111] Norcal QRPp Journal and OTHER'S ...??
by "Andy GM0NWI" <Gm0nwi@tesco.net>
- 29) [67112] Re: chassis/hole punch - Manhattan pads - Catalog SKU# number?
by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
- 30) [67113] CW Hearing Imp, HandiHams, &c...
by "Chuck Carpenter" <w5usj@globeco.net>
- 31) [67114] Re: VFO Drift
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 32) [67115] RE: QRPTTF: 29APRIL, nothing else
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 33) [67116] RE: ARRL DXCC2000 AWARD
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 34) [67117] Omaha -a- con
by "John Burnley" <burnleyia@home.com>
- 35) [67118] QRP Clubs
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 36) [67119] Re: Operating:Just wondering...
by Monte Stark <ku7y@dri.edu>
- 37) [67120] RE: Operating:Just wondering...
by "Ed Tanton" <n4xy@att.net>
- 38) [67121] RE: ATT:John A7NO.....You're Mail Keep's Bouncin`.....
by JOHN FISHER <ve7fdg@mad.scientist.com>
- 39) [67122] Re: T2R2 on a chip
by Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
- 40) [67123] QRP Poll Results
by Brian Short <bshort@speedchoice.com>
- 41) [67124] RE: QRP Poll Results
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 42) [67125] Re: chassis/hole punch - Manhattan pads - Catalog SKU# number?
by "Rod, N0RC" <n0rc@qsl.net>
- 43) [67126] RE: QRP Poll Results

- by Brian Short <bshort@speedchoice.com>
- 44) [67127] RE: QRP Poll Results
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 45) [67128] Digital HF QRP & QRPP
by Jim Hale <kj5tf@yahoo.com>
- 46) [67129] QRPTTF Rules
by Jerry Parker <jparker@fix.net>
- 47) [67130] RE: Schurr Portable Wabblers and Einbau
by Mike Gipe <mgipe@reliablemeters.com>
- 48) [67131] New URL or QRPP Award
by QRP <qrp@email.com>
- 49) [67132] TunaTin2: Dave Meacham honored by NJ QRP Club
by "Doug Hendricks" <ki6ds@hotmail.com>
- 50) [67133] Ham Radio in the News
by "Brad Hernlem" <alihernlem@hotmail.com>
- 51) [67134] RE: QRP Poll Results
by "Paul Harden, NA5N" <na5n@rt66.com>
- 52) [67135] FS: Noracl 40A, DD-1 & Clocks
by "Rod, N0RC" <n0rc@qsl.net>
- 53) [67136] ARKIECON: KI6DS will talk on how to get on the air for \$50
by "Doug Hendricks" <ki6ds@hotmail.com>
- 54) [67137] Re: T2R2 on a chip
by "Steven Weber" <kd1jv@moose.ncia.net>
- 55) [67138] RE: TunaTin2: Dave Meacham honored by NJ QRP Club
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 56) [67139] Re: QRP Poll Results
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 57) [67140] RE: QRP Poll Results
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 58) [67141] RE: QRP Poll Results
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 59) [67142] NCJ Web Site
by Monte Stark <ku7y@dri.edu>
- 60) [67143] OT: Frequency (the movie that is)
by GElam30092@aol.com
- 61) [67144] Re: Frequency (the movie that is)
by K10J <k10j@ditdit.com>
- 62) [67145] OT: Alternator noise (followup)
by joe lerch <jl@early.com>
- 63) [67146] Re: Frequency (the movie that is)
by Marty <N5NW@midsouth.rr.com>
-

Date: Sun, 02 Apr 2000 18:46:19 -0500

From: Glen Reid <k5fx@flash.net>

To: AQRN List <AQRN@onelist.com>, QRP-1 <qrp-1@lehigh.edu>, HQRP List
<hqrp@stevens.com>

Subject: [67084] FS: Ten Tec 515
Message-ID: <38E7DBC.B31698BB9@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Richard Swan, K0RDS has a Ten Tec Argonaut 515 and accessories for sale. Richard has no email so, if you are interested, you need to call him at 210 521 5105 in San Antonio. Price is \$385

Please don't reply to me. I have told you all I know.

73,

gr

--

GLEN REID
K5FX/M BGF

Austin...in the beautiful hill country of TEXAS...

Email: k5fx@arrl.net

Date: Sun, 2 Apr 2000 20:34:52 -0400 (EDT)
From: Brien Pepperdine <pepperb@gov.on.ca>
To: qrp-l@lehigh.edu
Subject: [67085] chassis/hole punch - Manhattan pads - Catalog SKU# number?
Message-ID: <Pine.OSF.4.05.10004022021340.12333-1000000@govonca2.gov.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi. Some of the Listers obtained a chassis/hole punch from Harbor Freight and/or other sources, suitable for punching out the approx. 3/16" inch diameter round

holes in p.c. board stock to get the slugs for Manhattan construction glue-down pads.

Affordable I hope. Looking to find source(s) and see what suitable tools look like possibly so I can call and search locally possibly.

(Yes, I know I could use a nibbler to get square/rectangular cutouts, but both a tools are equally elusive here so far. Radio Shack is not the same here, downsized to home entertainment and whatnot.)

If the source
and stock

keeping catalog number to search for on the
on-line WWW pages could be provided, I would be grateful.
I saw the appropriate tool at the Atlanticon demonstration, but it LOOKED
to be common enough - but not so so far! To date I am finding punches that
cut hole OUT of the hole, thereby giving a totally unsuitable 'donut'
product. Or I am finding massive jobbies for big holes.

Those of us excited by the recent Manhattan stuff coming out, and Chuck's
proddings and the forthcoming New Jersey Hombrewer magazine on Manhattan
construction will be likely bring forth folk interested in the suitable
tools available.

tnx

Brien Pepperdine
Amateur Radio Station VE3VAW
Toronto, Ontario Canada
ARCI QRP #8773 - NORCAL QRP "ZOMBIE"

Date: Sun, 02 Apr 2000 17:35:48 -0700
From: KB7WW Art Moe <kb7ww@chatusa.com>
To: pepperb@gov.on.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67086] Re: chassis/hole punch - Manhattan pads - Catalog SKU# number?
Message-ID: <38E7E764.5D414EDB@chatusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Might try here,

<http://www.harborfreight.com/>

Art
KB7WW

Brien Pepperdine wrote:

>
>
> Hi. Some of the Listers obtained a chassis/hole punch from Harbor Freight
> and/or other sources, suitable for punching out the approx. 3/16" inch
> diameter round
> holes in p.c. board stock to get the slugs for Manhattan construction
> glue-down pads.

> Affordable I hope. Looking to find source(s) and see what suitable tools
> look like possibly so I can call and search locally possibly.
> (Yes, I know I could use a nibbler to get square/rectangular cutouts, but
> both a tools are equally elusive here so far. Radio Shack is not the same
> here, downsized to home entertainment and whatnot.)
>
> If the source
> and stock
> keeping catalog number to search for on the
> on-line WWW pages could be provided, I would be grateful.
> I saw the appropriate tool at the Atlanticon demonstration, but it LOOKED
> to be common enough - but not so so far! To date I am finding punches that
> cut hole OUT of the hole, thereby giving a totally unsuitable 'donut'
> product. Or I am finding massive jobbies for big holes.
>
> Those of us excited by the recent Manhattan stuff coming out, and Chuck's
> proddings and the forthcoming New Jersey Hombrewer magazine on Manhattan
> construction will be likely bring forth folk interested in the suitable
> tools available.
>
> tnx
>
> Brien Pepperdine
> Amateur Radio Station VE3VAW
> Toronto, Ontario Canada
> ARCI QRP #8773 - NORCAL QRP "ZOMBIE"

Date: Sun, 2 Apr 2000 20:53:57 -0400
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "SOC"
<secondclassopsclub@egroups.com>
Subject: [67087] ARRL DXCC2000 AWARD
Message-ID: <00db01bf9d07\$18bf8600\$f3451b3f@win98>

I'm hoping that someone out there can help me with a small problem. I seem to have loaned out my copy of the December, 99 QST and need the information for obtaining the DXCC2000 Award from the ARRL.

I wrapped up the chase this evening, with a double contact on 20m to Sri Lanka and Turkey and can't wait to get this envelope off in the mail tomorrow. 100 countries for someone who gets little time to really work DX is an accomplishment.....in only a few months, too.

If anyone has this information, could you please forward it to me? This would be most appreciated and here's to 2000.....a HUGE year (we hope) in DX!

72/74,
Erv W8ERV

Date: Sun, 2 Apr 2000 21:04:29 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: prvalko <prvalko@oakland.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67088] Norcal Gentlemen's Agreement Still Valid?
Message-ID: <Pine.OSF.4.21.0004022051191.18601-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have always understood that an unassembled Norcal kit was to be sold for the same price Norcal sold it for. It seemed reasonable not to profit from other's volunteer work.

Is that still the case? If not, I've got a hankerin' for a Guard's Red 'Boxster' and I've got an unassembled paddle, SST, and a couple 38 Specials to take care of the down payment.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Sun, 02 Apr 2000 19:14:22 -0700
From: "Roger J. Wendell" <zeekzilch@juno.com>
To: qrp-1@lehigh.edu, zeekzilch@chisp.net
Subject: [67089] New Ham Radio Movie: Frequency
Message-ID: <38E7FE7D.A1EC6743@email.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A new Ham Radio movie is coming out about a guy who uncovers his Dad's 30 year old Heathkit gear and is able to QSO his father 30 years in the

past. It might be a good one for the hobby - No, I don't own stock in the production company...

WBOJNR

<http://www.rogerwendell.com>

-

--

Date: Sun, 2 Apr 2000 18:24:23 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67090] Re: New Ham Radio Movie: Frequency
Message-ID: <000901bf9d0b\$597368c0\$86241ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does he go through it and replace all the bypass capacitors? ;)

73 John K7FD

>A new Ham Radio movie is coming out about a guy who uncovers his Dad's
>30 year old Heathkit gear and is able to QSO his father 30 years in the
>past. It might be a good one for the hobby - No, I don't own stock in
>the production company...
>
>WBOJNR

Date: Sun, 2 Apr 2000 21:29:58 EDT
From: W1XV@cs.com
To: qrp-1@lehigh.edu
Subject: [67091] Re:DXCC 2000 Millennium Award
Message-ID: <9e.2ce3ef8.26194e16@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Erv:

There's a special form that must be used available at:

<http://www.arrl.org/awards/dxcc>

No QSL cards are required as you know. Basically it's just a matter of transcribing log entry data to the special form....piece of cake.

BTW, congratulations. I'm still pecking away at the award....need 15 more Qs.

72, Brad W1XV

Date: Sun, 02 Apr 2000 20:33:05 -0500

From: "Maddog 'n' Miracles" <maddog@io.com>

To: qrp-1@Lehigh.EDU

Subject: [67092] Re: low power hf amplifier

Message-ID: <4.3.1.1.20000402202403.00afb900@mail.io.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Mark!

At 07:03 PM 04/02/2000 -0400, you wrote:

>I was just looking at a low power hf amplifier at this website:

>www.communication-concepts.com/an7791.htm

>

>Anyone here familiar with this device? Seems like it might need some sort
>of pad to knock down the input power. At any rate I'm toying with the idea
>of building one into an OHR 500 transceiver for use when five watts won't do
>it. If the amp's output of 20 watts won't do it then I can always turn off
>the radio and do some serious antenna work.

>

>At any rate, anyone out there have any experience with an amp like this?

Well, I've not built this particular design, but I have built others. The Motorola amplifier designs are very well engineered, and should perform well provided you keep four things in mind:

1. Use an adequate low pass filter at the output;
2. Don't overdrive; 25 dB gain at 20 Watts out calculates to 20mW input (use an attenuator, if needed)
3. Heat sink adequately
4. Use a good power supply with reserve capacity.

73,

monty N5FC

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Registry and much more.
Baltimore Press - Smaller, Smarter, Better

Date: Sun, 2 Apr 2000 21:48:02 EDT
From: GElam30092@aol.com
To: zeekzilch@juno.com, qrp-1@lehigh.edu
Subject: [67095] Re: New Ham Radio Movie: Frequency
Message-ID: <c1.205d91d.26195252@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 4/2/00 6:17:16 PM US Mountain Standard Time,
zeekzilch@juno.com writes:

<< A new Ham Radio movie is coming out about a guy who uncovers his Dad's
30 year old Heathkit gear and is able to QSO his father 30 years in the
past. >>

<http://www.frequencymovie.com/>

Date: Sun, 2 Apr 2000 20:58:24 -0500
From: k5gq@juno.com
To: qrp-1@Lehigh.EDU
Subject: [67096] Keyers: Tech Stuff - Super CMOS III
Message-ID: <20000402.205851.-215579.1.k5gq@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I have been operating the keyer hf mobile for a few years.
As suggested RF is conducted to your rig. They suggest to shield it.
If you use batteries and use a optoisolator to key the rig one can put it
in a plastic box.

The audio is weak when road noise is high. I added a transistor on the
speaker output.

I wish I could have had the board laid out to include the 39 cent
pushbutton switches.

I mounted them on a pc board. All fits in a 2 x 3 1/2 non-metal box.

Mark
K5GQ/m
Houston, TX
qrp-L 794

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
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Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 2 Apr 2000 20:59:40 -0500
From: "Harvey Mitchell" <k5yu@worldspy.net>
To: <qrp-l@Lehigh.EDU>
Subject: [67097] NorCal NC-20 For Sale
Message-ID: <001201bf9d10\$472974c0\$f0f51b3f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale, NorCal NC-20 20 meter transceiver, no mods, 5 watt output.
Original unfinished case. Asking \$110.00 shipped CONUS.

72,

Harvey Mitchell, K5YU
reply to harvey.mitchell@enron.com or
k5yu@arl.net

Date: Sun, 02 Apr 2000 21:01:00 -0500
From: DONALD DORN <DDORN@CWIS.NET>
To: maddog@io.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67098] Re: low power hf amplifier
Message-ID: <38E7FB5C.8DD@CWIS.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

With reference to the AN779L amp from Communications Concepts: I was just wondering a few days ago if they were still selling those, since I heard that the MRF475 xistor is no longer made by Motorola.

I have built two of the AN779L amps for use in homebrew SSB xcvrs. One of them came from Com Concepts in kit form, the other I built ugly style--same circuit. Both work well and have been in service for about four years without a hint of trouble. Building the kit is a snap.

I don't get 20 watts out of mine because I don't have enough drive for that but they were built for QRP oper anyway so I set them at about nine watts pep.

Don K5AAR
Lake Eufaula, Ok

Date: Sun, 2 Apr 2000 22:06:47 -0400
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "SOC" <secondclassopsclub@egroups.com>
Subject: [67099] DXCC2000 Award.....THANKS!
Message-ID: <014801bf9d11\$45433320\$f3451b3f@win98>

Thanks to those that replied already. I have the information, the sheets to fill out (longhand...sigh!) and will have it in the mail tomorrow, unless I find an error.

72,74,
Erv

Date: Sun, 2 Apr 2000 22:10:22 EDT
From: Wa3ptg@aol.com
To: pepperb@gov.on.ca, qrp-l@lehigh.edu
Subject: [67100] Re: chassis/hole punch - Manhattan pads - Catalog SKU# number?
Message-ID: <61.27d4451.2619578e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 4/2/00 8:36:38 PM Eastern Daylight Time, pepperb@gov.on.ca

writes:

> Yes, I know I could use a nibbler to get square/rectangular cutouts, but
> both a tools are equally elusive here so far. Radio Shack is not the same
> here, downsized to home entertainment and whatnot.)

Maybe you could try manhattan style without the extra tools. There is no difference in performance -- at least up to six meters -- between square, round, or rectangular pads. Here we snap off 1/4" wide pads from 1/8" and 1/4" strips. Works very well. I don't think any manhattan-built gear will win any beauty contests, so why let the lack of an unnecessary tool hold you back?

Over the weekend, I built a 40 meter single-conversion superhet to replace a direct-conversion rig. It's all done with 1/4" pads, and it works very well, thank you.

My station is now all manhattan-style homebrew stuff, all built without the punch.

Go for it.

72 DE WA3PTG (Real General)
Harry (Hap) Hurst NJQRP-EPAQRP
Wilmington DE QRP-L #1464
"Not a danger to himself or others."

Date: Sun, 02 Apr 2000 20:34:24 -0700
From: Randy Foltz <rfoltz@turbonet.com>
To: qrp1_post <qrp-l@lehigh.edu>
Subject: [67101] Re: Contest Logs
Message-ID: <38E81140.DC148652@turbonet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alex, N4BYJ, wrote:

>If I participate in a contest just to make contacts without submitting my
>logs are my contacts subtracted from the other person's or is the
>verification not that close.

Alex, if your call appears in 3 or more logs of people that submit logs, it is unlikely that any points will be deducted from the people you contacted. To be safe I usually try to work at least 5 stations in a

contest if I don't plan to submit my log.

73,
Randy, K7TQ
QRP ARCI Contest Manager

Date: Sun, 02 Apr 2000 21:01:25 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-l@Lehigh.EDU
Subject: [67102] INFO on new QRP++ being sold?
Message-ID: <38E81795.4D593192@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I recall a few days ago a vendor in Washington State building/ selling new QRP++ rigs from left over stock originally from Index Labs... Their ad appeared on this reflector mid-late last week I saw one of these rigs on e-bay for auction and it has the readout and S-meter illuminated... Look real nice and I remember the vendor offering them for a reasonable price (\$350-375 range)... Does anyone remember this person? Appreciate the help!

Pat - AA7FG, Oregon...

Date: Mon, 3 Apr 2000 00:06:04 -0400
From: "Ken Evans" <w4du@bellsouth.net>
To: "QRP-l Discussion" <qrp-l@Lehigh.EDU>
Subject: [67103] DAYTON
Message-ID: <014501bf9d21\$f08cbca0\$ba634ed8@evans>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,
We are approaching 6 weeks until FDIM. The number of people registered for the Thursday seminar and Friday banquet is growing daily. Watch the QRP ARCI web site for more details (<http://www.qrparci.org>).

The seminar is building up to be a classic. We now have 9 world class speakers. Here is a brief sample of two of them (in alphabetical order):

Dave Benson, NN1G - A world renown QRPer and builder, Dave is going to speak on PSK 31. This is a new and exciting mode that seems taylor made for QRPers.

Rick Campbell, KK7B - Rick has worked many bands from DC to daylight. He is well known for his work with high performance direct conversion receivers. His famous R2 design and the latest enhancements will be presented.

This is just a sample. We have 7 other speakers. The seminar is \$15.00 and the banquet is \$25.00. To register, please send a check made out to QRP ACRCI to:

Ken Evans
W4DU
848 Valbrook Court
Lilburn, GA 30047

Let me know your e-mail, call, and the events for which you are registering.

Complete details on these and other FDIM happenings can be found at:<http://www.qrparci.org/fdim64.html>.

See you at FDIM 2000!

72/3,
Ken Evans, W4DU
Atlanta, GA
QRP ARCI #696; G-QRP; NORCAL; NOGA; ARRL-Life

Date: Sun, 02 Apr 2000 21:15:11 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [67104] Clubs: NorCal Gentleman's Agreement
Message-ID: <20000403041511.16532.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Paul and other interested parties. I don't know who coined the phrase "NorCal Gentleman's Agreement", meaning that NorCal unassembled kits would not be sold for more than the original price due to the many, many volunteer hours put in the projects by the designers, project team, Jim and myself. No one gets paid a dime for NorCal kits. Not the designer, not the kitter, nor Jim or me. All who have contributed work towards the success of the

projects certainly do appreciate the "NorCal Gentleman's Agreement". Having said that, we obviously have no control over what price people sell our kits after they purchase them. We would rather that they not be sold at a profit, because they were developed in the spirit of helping qrpers qrp, but we really have no control over it.

Saturday, Dave Adams, James and Kathy Bennett and Paul Maciel drove 125 miles one way to Dos Palos to help me kit the surface mount parts for the first 100 of the SMK-1 kits. They will be returning on April 16th for another session. These people drove all that way and worked like crazy for 4 hours, all for no pay. They are volunteers. We learned a lot doing the kitting. We think that we have a system that will be easy to do, yet work very well. We are putting the parts in a 3" x 6" plastic bag that is divided into 7 rows of compartments, 3 compartments to a row. Each different part is in its own section. We will provide a matching sized drawing that has the parts identified. The bag has a "key" in the lower left corner. You line up the key with the key in the drawing, and lay the bag over the drawing. The parts are identified on the paper, which you can read through the bag.

We are double checking every bag, and it will be very difficult for us to leave out parts, as one person puts them in, and another seals the parts after checking to make sure that they are there. We learned as we went, as we are breaking new ground for NorCal kits. Bob Kellogg of the Knight Smites gave me some excellent tips on kitting Surface Mount parts, and I would like to thank him publicly for his help. The Knight Smites kitted over 700 of the Pixie's before they stopped. What an effort.

We are still taking orders, check www.redhotradio.com for full details. Click on the SMK-1 button. 72, Doug

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 02 Apr 2000 21:16:26 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-1@Lehigh.EDU
Subject: [67105] CQ K7SY... QRP+ info?
Message-ID: <38E81B1A.6A97FECF@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looking for Stan, K7SY for QRP+ rig info... Please e-mail me direct and thanks...

Pat - AA7FG, Oregon
aa7fg@gte.net

Date: Mon, 3 Apr 2000 00:19:07 EDT
From: BenNW7DX@aol.com
To: qrp-1@lehigh.edu (Low Power Amateru Radio Discussion), rfoltz@turbonet.com (Randy Foltz), we6w@netzero.net (Ed Loranger),
cbrlwaldrop@pullman.com (Barney Waldrop), BenNW7DX@aol.com, AD6JY@aol.com, t-ranch@humboldt1.com (Randy), NB6M@mer.win-net.org (Wayne),
Subject: [67106] QRQ Net Results
Message-ID: <11.24f0212.261975bb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello -

Ed, WE6W is visiting his mother, getting beat in the game scrabble, so he asked me to post the net results for tonight. The QNI list was WE6W, NW7DX, and K7TQ, with Randy outside on his deck enjoying the wonderful WX (which both Ed and I also had today). Ed was on his new Blue Racer bug that he received from a friend and sounded good. He practiced 4 hours this week. Unfortunately, I've been very busy with school and music activities so I haven't been able to get on the air this week until tonight, but I still managed to do pretty well on my speed.

- o WE6W reached 72wpm (the same as last week)
- o NW7DX got to 75wpm (last week was 80)
- o K7TQ got to 34wpm tonight (last week was 40)

Once again, I had a great time on the QRQ net and I have a feeling that next week we will break old barriers and set new records! Come on and join us!

72, and have a nice week!
Ben - NW7DX

Date: Mon, 3 Apr 2000 00:59:51 -0400
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67107] KAK Virus
Message-ID: <01db01bf9d29\$724f8fe0\$f3451b3f@win98>

Not sure where I saw this, whether here or somewhere else, but I seem to

have acquired a small worm virus. If anyone knows of the fix, please let me know ASAP, if you would be so kind.

72,
Erv W8ERV

Date: Mon, 3 Apr 2000 06:59:38 +0100
From: "Andy GMONWI" <Gm0nwi@tesco.net>
To: <qrp-1@lehigh.edu>
Subject: [67108] ATT:John A7NO.....You're Mail Keep's Bouncin`.....
Message-ID: <002c01bf9d31\$ccae5a40\$5e4f8cd4@q1n3l2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry for the bandwidth guy's but I need to get intouch
DESPERATLEY again with John A7NO.....

John can you contact me again..... I have tried several
times to send mail to you but you're server keeps on
bouncin` it right back....

Either on the list or direct will do.....

72s de Andy gm0nwi@tesco.net
GMONWI

Date: Mon, 03 Apr 2000 00:17:09 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-1@LeHigh.edu
Subject: [67109] Contest Scores etc...
Message-ID: <2.2.32.20000403071709.00eb73fc@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jan has outdone herself!

You have been waiting for them and now you can

check out the Zombie Shuffle Score Page and the
1999 QRPTTF Score Page too.

Both are up on the NorCal Page:

<http://www.fix.net/norcal.html>

THANKS JAN ! ! !

Enjoy,,,72,,,Jerry...WA6OWR...K

Date: Mon, 3 Apr 2000 03:50:01 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: SOC Reflector <secondclassopsclub@egroups.com>
Cc: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [67110] Last Call for SOC Logs
Message-ID: <Pine.3.89.10004030343.B10472-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'd like to post the results of the first Second Class Operator's Club
Marathon Sprint (that's a mouthful!) no later than next weekend. So, if
you haven't yet sent in a log but want to be included, do it now. Either
e-mail it to me at n4bp@bc.seflin.org or snail mail to:

Bob Patten
2841 N.W. 112 Terrace
Plantation, FL 33323

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://www.qsl.net/n4bp>
Brass Pounder BBS: (954) 472-7715
SOC #1Whiners #6

Date: Mon, 3 Apr 2000 08:57:39 +0100
From: "Andy GM0NWI" <Gm0nwi@tesco.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [67111] Norcal QRPp Journal and OTHER'S ...??
Message-ID: <000501bf9d42\$48db57c0\$e1548cd4@q1n3l2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guy's

How does a fine "up-standin" (when helped)...
guy like me get info on the Norcal Journal....??

YEAH... can go to a URL ...but this isn't really
gonna "give me the feel" for the journal...

Do they send ...example..."back issues"..?

Would love to hear of anythin' that may help...
You'll all mostly be aware of my physical position
(wheelchair bound) and thus find "ham radio" and
"home-brewin'.." slightly on another plain than my
able-bodied "compadrias" so excitin'...would love
to think about joinin' one of the US groups
(if they'de have me..)

I feel that all the recent postin's on "first kit" "first antenna"
etc...stirred up so much passion within me.... I'm the first
to admit my "homebrew" skills are rrreeeeaaallll bad...but
you're all helpin' in such a BIG way for me...what with
the "Heathkit" saga that I am sure you are all aware of...

There are still those out there that are adiment on spoilin'
things tho'....still I will "raise and over come"...

If anyone can help put me intouch with the correct people
here on the listwould be grateful....

Keep up the great work.... you're all such a source of
inspiration for me

72s de Andy
GM0NWI

"The Weakest Station In The Nation.."
gm0nwi@tesco.net

Date: Mon, 3 Apr 2000 07:03:30 -0400
From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
To: <pepperb@gov.on.ca>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [67112] Re: chassis/hole punch - Manhattan pads - Catalog SKU# number?
Message-ID: <0abd01bf9d5c\$3f681100\$0100a8c0@dadsmachine>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Check the Chuck Adams article in the Atlanticon Proceedings. It has the HF order number in the article.

Michael

----- Original Message -----

From: Brien Pepperdine <pepperb@gov.on.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, April 02, 2000 8:34 PM
Subject: chassis/hole punch - Manhattan pads - Catalog SKU# number?

>
> Hi. Some of the Listers obtained a chassis/hole punch from Harbor Freight
> and/or other sources, suitable for punching out the approx. 3/16" inch
> diameter round
> holes in p.c. board stock to get the slugs for Manhattan construction
> glue-down pads.
> Affordable I hope. Looking to find source(s) and see what suitable tools
> look like possibly so I can call and search locally possibly.
> (Yes, I know I could use a nibbler to get square/rectangular cutouts, but
> both a tools are equally elusive here so far. Radio Shack is not the same
> here, downsized to home entertainment and whatnot.)
>
> If the source
> and stock
> keeping catalog number to search for on the
> on-line WWW pages could be provided, I would be grateful.
> I saw the appropriate tool at the Atlanticon demonstration, but it LOOKED
> to be common enough - but not so so far! To date I am finding punches that
> cut hole OUT of the hole, thereby giving a totally unsuitable 'donut'
> product. Or I am finding massive jobbies for big holes.
>
> Those of us excited by the recent Manhattan stuff coming out, and Chuck's

> proddings and the forthcoming New Jersey Hombrewer magazine on Manhattan
> construction will be likely bring forth folk interested in the suitable
> tools available.
>
> tnx
>
> Brien Pepperdine
> Amateur Radio Station VE3VAW
> Toronto, Ontario Canada
> ARCI QRP #8773 - NORCAL QRP "ZOMBIE"
>

Date: Mon, 03 Apr 2000 07:12:08 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-l@Lehigh.EDU
Subject: [67113] CW Hearing Imp, HandiHams, &c...
Message-ID: <3.0.2.32.20000403071208.007c26a0@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRPLers,

Thanks to all, if I didn't reply individually, for the suggestions to help people with hearing impairments learn morse code.

Several suggestions to overcome turn-on and turn-off time with incandescent bulbs included various implementations using LEDs.

However, a reply from Patrick Tice, WA0TDA, from HandiHams indicated that persistence of vision might be a problem with any type of light source. Patrick described a method using a speaker and sense the vibration by lightly touching the cone. Patrick indicated that touch is the second best sense to hearing to copy CW.

Two others who replied to my original post described having worked a station where the operator did just that, copied CW by touching a speaker to sense the vibrations. (Chris Cartwright and Ed Hare)

I dug out my old but still working SWTP function generator and found a 2 in. speaker. Patrick's method included using a plastic insert over the speaker to protect the cone from damage. This didn't work with my little speaker as the cone mass wasn't enough to drive the plastic cover. So I sprayed the cone with clear Krylon. This didn't affect the speaker for this use and made the cone water proof.

I tried various signal wave shapes but a harmonic-rich square wave proved to be the best (555 timer). Also, by finding the free-air resonance of the cone, the vibration was stronger at that frequency -- about 550 Hz in my setup. (Similar idea to using a loaded speaker system to peak the cone resonance for listening to a CW signal.)

The vibration was most intense at the edge of the cone at the first bend of the flexible skiving area and away from the frame. The vibration was distinct and the difference between dits and dahs was also distinct. The proof will be in the testing. I hope to do that soon. Thanks again for all the suggestions and comments. (I may also try using different color LEDs as a supplement to the vibration.)

Chuck Carpenter, Point, Rains County, Texas -- RARA #003
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Mon, 3 Apr 2000 08:28:44 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [67114] Re: VFO Drift
Message-ID: <125490A005E3D3118C9C00805FC743CC420DD9@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

You can combine temperature compensating capacitors in series or parallel to obtain intermediate values. This can make the startup drift a little weird, but this usually isn't a big problem with low power solid state circuitry.-Zack W1VT

Date: Mon, 3 Apr 2000 09:26:07 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'na5n@rt66.com'" <na5n@rt66.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67115] RE: QRPTTF: 29APRIL, nothing else
Message-ID: <125490A005E3D3118C9C00805FC743CC3E18D3@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi, Paul,

Yes, the QST dates were wrong. Were the old rules still up on your website at QST press time? George doesn't remember exactly what he did, but he thought he might have gotten the rules there.

The good news is that the May issue, typically in members' hands about April 15, contains the correct rules (I just looked at the photocopies of the issue) and a note that the rules published in the April issue were incorrect. I got the correct info to George literally with hours to spare!

73 from ARRL HQ,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St.
Newington, CT 06111
860-594-0318
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org/>.
ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----

From: Paul Harden, NA5N [mailto:na5n@rt66.com]
Sent: Saturday, April 01, 2000 5:34 PM
To: Low Power Amateur Radio Discussion
Subject: QRPTTF: 29APRIL, nothing else

Gang,
Myself, and the NorCal Contest Manager, Jan N0QT, have received numerous emails wanting to know the correct date for NorCal's QRP TO THE FIELD (QRPTTF) Contest.

It is SATURDAY, APRIL 29TH, 2000 as first announced on QRP-L many months ago, and the official rules posted a couple of weeks ago.

QST in their "Contest Corral" lists the wrong weekend, and lists last year's "Run to the Border" theme. As the official rules were not finalized until after the printing deadline, we had not submitted anything, so evidently they defaulted on last year's rules. So please make note that the date and rules are not correct (as even the ARRL has acknowledged. Thanks Ed.)

This month's CQ magazine in the QRP column also has several errors. It lists a contest called "Run to the Borders" as being sponsored by NorCal (wrong, that was the THEME to last year's QRPTTF), then lists QRPTTF as a contest in April sponsored by the Adventure Radio Society. Wrong, QRPTTF is the official name of the NorCal contest, which again,

will be on April 29th, 2000.

It also lists the BUBBA Contest and QRP AFIELD as both being sponsored by ARCI. WRONG.

QRP AFIELD is what started all of these "to the field" themes by the NE QRP Club, and run the past two years by Dave Benson, NN1G. Unless ARCI has picked it up to run for 2000. If so, maybe someone from ARCI can clarify if they now sponsor this former NEQRP club event.

BUBBA (Burn yoUr Big B___ Away) contest was the brain-child and run by the Arizona ScQRPions, not ARCI.

I'm not really throwing rocks here, but there's alot of people who donate a lot of time, money and resources to sponsor these contests. The time to score the logs alone is a huge undertaking. And I think it only appropriate to credit the proper people for their efforts.

And it also seems that the major ham radio magazines have suddenly discovered QRPers as a group of "operating" hams as well. That's great. But they could do a little journalistic research to ensure they have the correct information. But I will also take my portion of the blame. Realizing the major ham radio magazines are now taking a sincere interest in QRP events, all of us who sponsor these things (myself included) should learn to make an attempt to inform these organizations well in advance of their publishing deadlines so the correct info is published.

I'm not blaming QST. They made a sincere effort to help promote QRPTTF and assumed the rules/dates were the same. Probably because they were unable to contact last years contest manager. The numerous errors in CQ magazine is bit mystifying, however.

72, Paul NA5N

8 April - correct date for ARKIECON (Ft. Smith, AR)

29 April - correct date for NorCal's QRPTTF

I'll be at both.

Date: Mon, 3 Apr 2000 09:30:38 -0400

From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>

To: "'w8erv@email.msn.com'" <w8erv@email.msn.com>, Low Power Amateur Radio Discussion <grp-l@Lehigh.EDU>

Subject: [67116] RE: ARRL DXCC2000 AWARD

Message-ID: <125490A005E3D3118C9C00805FC743CC3E18D4@mail.arrl.org>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Info on the ARRL DXCC 2000 Award is on
<http://www.arrl.org/awards/dxcc/00rules.html>.

73 from ARRL HQ,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St.
Newington, CT 06111
860-594-0318
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org/>.
ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----

From: J. Ervin Bates [<mailto:w8erv@email.msn.com>]
Sent: Sunday, April 02, 2000 8:54 PM
To: Low Power Amateur Radio Discussion
Subject: ARRL DXCC2000 AWARD

I'm hoping that someone out there can help me with a small problem. I seem to have loaned out my copy of the December, 99 QST and need the information for obtaining the DXCC2000 Award from the ARRL.

I wrapped up the chase this evening, with a double contact on 20m to Sri Lanka and Turkey and can't wait to get this envelope off in the mail tomorrow. 100 countries for someone who gets little time to really work DX is an accomplishment.....in only a few months, too.

If anyone has this information, could you please forward it to me? This would be most appreciated and here's to 2000.....a HUGE year (we hope) in DX!

72/74,
Erv W8ERV

Date: Mon, 3 Apr 2000 08:41:54 -0500

From: "John Burnley" <burnleyia@home.com>
To: <IaQRP-L@divis17.ped-gen.uiowa.edu>
Cc: <qrp-l@lehigh.edu>
Subject: [67117] Omaha -a- con
Message-ID: <001101bf9d72\$5fc5e2e0\$1b790818@c149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What you say? Another premier QRP event that I missed? Well in a way, yes and no. I had the opportunity to travel to Omaha, Nebraska last week on business (class) and to meet with some first class QRP'ers. The class started last Monday so I left Sunday afternoon for the two hour drive. The WPX SSB contest was going on so I decided to try out my modified (trimmed) R/S CB antenna. I ran 25 watts (I thought I was on the low power setting but discovered later that I was not). I managed 30 contacts running mobile (including VP6BR, 9G5ZW, AH8A, VK3TZ, and others).

After checking into the motel, I gave Mike (NOMF) a call to say hello. He graciously invited me up to his shack for a visit. Many of you have seen Mike's handiwork and know he is an FB builder. I couldn't pass up the chance to sit down and operate some of his creations.

It was a short drive to Mike's house and he had a pizza waiting for me when I showed up (did I mention he was a saint). After some much needed chow we settled down into the NOMF shack. First out of the chute was the 2N2/40 rig that Jim Kortge developed and was featured in the Winter 1998 QRPP from NorCal. Copies of that issue are available from Quicksilver Press (Paul Harden NA5N). I do not remember the price so I won't quote it here. To put it bluntly.....what a receiver! I am very impressed with the performance of this little rig. It was built manhattan style (punch pad) and is another one of Mike's works of art. Mike and I worked W3FAF in St. Paul, MN with a 579. Hats off to Jim for an FB design!

Next off the shelf was the K2 from Elecraft. What a super rig. It was a treat to operate and is one of the best rigs I've had the pleasure to use. So many bells and whistles. Eric and Wayne have put together a real winner. I have one still waiting for melted solder and I'm now getting the itch to get going (although a higher authority...XYL...tells me that it won't get started until after my son's high school graduation). Mike and I snooped around 15 meters and rewarded

ourselves with TX0DX (the Chesterfield Island DXpedition) using the K2 and a dipole just over Mike's house. It was getting late so I scooted back down to Omaha.

After the first day of class was over and I returned to the hotel, I found myself calling

Mike again on the phone (after all he still had rigs to operate). "Hello Mike, this is

John", I said. I couldn't get much more out before Mike asked if I wanted to come back up.

Whew, that saved me the trouble of inviting myself! The drive was shorter this time as I was concentrating on what rig choices I had.

First off the shelf were Mike's manhattan style/punch pad REGEN receivers. Both are based off Charles Kitchin (N1TEV) designs and are classics! They work

very well and were a lot of fun to play with. I showed Mike my REGEN project (I was almost embarrassed to since his look commercial).

Next off the shelf was Mike's manhattan style (punch pad) SST. The SST was designed

by Wayne Burdick (N6KR) and was featured in an earlier issue of QRPP from NorCal. Wilderness Radio has commercial versions available. As usual Mike did a super job with his building skills and the SST was a real treat to operate.

We worked WD9DIS in WI who ironically was using a new homebrew 20 watt CW transmitter. Arne provided us with a nice chat.

The next rig on the bench was the DSW-20 from Small Wonder Labs.

A very nice rig with a digital VFO. I really

liked the all band RIT hi (one feature of the DSW is that you can lock the transmit

frequency and then engage the VFO to tune anywhere in the band for receive).

Conditions were not all that great on 20 that evening so we did not snag anyone but

I did spend a lot of time toying around with the DSW to play with some of its

features.

We only had time to play with one more rig so the next choice was the OHR 100

from Milestone Technologies (OHR was purchased by Milestone Technologies).

I have the predecessor to the OHR 100 (Explorer II) so I was a little familiar with

the rig. Like my Explorer II it was very easy to operate and the variable bandwidth

filter really helps you zero in on an incoming signal. We operated the 30 meter

version and worked K2ZR/4 on Iota NA062. It was late again so back to

Omaha.

Tuesday night I had the pleasure of checking into the Eastern Nebraska/Western Iowa QRP kit builders net. The net is a recent start up initiated by Steve WB0QQT out of Lincoln, NE and meets every Tuesday night at 8:00 pm (local) on 145.115 (-). The idea was to get together like minded QRP'ers and builders to discuss projects and get help (if needed) on any project you might be having trouble with. A great idea Steve! During the net, Steve and Darrel KB0AWB instigated an eyeball get together with me for Thursday night (more later). The net was enjoyable and I encourage anyone in the area to check in and share some good QRP fellowship with these fb QRP'ers.

Wednesday night found me thinking of what NOMF rigs I had not yet test driven. A quick call to Mike (and yes he graciously didn't make me invite myself back over) and I was on the way back 'up north'. I just couldn't resist another chance to operate the K2. I really love that rig and can't wait to build mine. I think Mike was making sure that it didn't end up in my car heading back to Des Moines. We started out on 15 meters and worked UA9MIW and UA9MHN (who called Mike). Not bad for 5 watts into a dipole antenna. Next off the shelf was the RH20 from Red Hot Radio. I have an NC20 at home (in fact I like it so much it currently is my rig of choice) so this was like a home coming of sorts. 20 meters was in good shape so we worked PS7ZZ, EA6NB, and LY10XX (all on the NC20). It was getting late so back to Omaha although I did work NOMF/qrp on 10 meter SSB on the way home (this time on low power).

Thursday night I had the pleasure of hooking up with Steve and Darrel for an eyeball at the Village Inn on 108th and L in Omaha. Steve brought his TenTec 1340 and SWR meter (both kits and he did an FB job on both). Darrel brought a populated SW board, some cell phone boards (loaded with SMT parts just waiting to be salvaged), SST (Wilderness version), and the MFJ Cub. Both Steve and Darrel

did great jobs with their construction and it was a very enjoyable evening.
I only
wish we had an antenna so the rigs could have been put on the air.

My thanks to Mike, Steve, and Darrel for making this a very enjoyable trip
filled with
many great QRP memories. BTW, thanks Mike for being my CW spell checker hi
(trust me I needed it).

The subject line of this post is a play on the name of many of the FB QRP
events.
After this FB week I know the folks who make the trip down to Ft. Smith (and
to
any of the other major events) are going to have a good time. I'm sorry
that I can't make the trip, but this Saturday is my
son's final small group competition in high school (otherwise I would be
there).
For those of you going, you will have a super time and I look forward to
reading about all the fun (I will be jealous).

72, John NU0V

Date: Mon, 3 Apr 2000 10:44:16 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.edu>
Cc: "Alvareztorres, Al, AA1DO" <aalvareztorres@arrl.org>
Subject: [67118] QRP Clubs
Message-ID: <125490A005E3D3118C9C00805FC743CC3E18DD@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi, QRPers.

Partly for personal reasons and partly for professional reasons, I am
compiling a list of all known QRP clubs. Please email me with club names
and contact info (email and URLs appreciated).

I am also looking for any suggestions for dates, and dates to avoid, for a
fall QRP contest/operating event, to be sponsored by the Central Connecticut
QRP Club. (Sep 16th already crossed off -- that is the QRP Afield date.)
How much QRM do you think the TX and CA QSO parties would cause to a QRP
contest? I think a fair amount, but will defer to the judgement of those who
have actually worked those events.

Please send to me by email, rather than cluttering up the list. I will post the club names with my announcement for the contest. I will also add them to the ARRL TISFIND database at <http://www.arrl.org/tis/tisfind.html>.

If you go to that site and type in the search criterion:

ORGANIZATION>QRP ORGANIZATION

you should get all the QRP clubs. For fun, type in the word QRP. :-)

If you have any updates/URLs/email info for any companies in the database OTHER than QRP clubs, please email them to aa1do@arrl.org.

73, Ed Hare, W1RFI
ARRL Lab

Date: Mon, 3 Apr 2000 08:27:07 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: "Dieter (Diz) Gentzow WB8QYY" <wb8qyy@cinci.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67119] Re: Operating:Just wondering...
Message-ID: <Pine.GS0.4.10.10004030813170.9090-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 31 Mar 2000, Dieter (Diz) Gentzow WB8QYY wrote:

> Got a question that's bugged me for 27 years as a ham: How is it possible
> to run split, xmit on one freq and receive on another and at the same time
> consider yourself a courteous operator? I mean you have no idea who you
> might be transmitting on top of. Anybody have a "GOOD" answer?

Good question!

You MUST listen to your TX freq before sending. That concept is simple.

Doing it can range from simple to very hard!

On the better rigs, you have two VFO's running at the same time. For example on the FT-1000MP I listen to the DX station on the main RX so I can use all the filters I might need.

I set the TX to the second VFO and turn on that RX also. I have main RX going to my left ear and the second RX going to my right

ear. Each VFO/RX has it's own volumn control.

So it's very easy to track my TX frequency.

With my FT-100 it's a whole different story!

I have two VFO's there also BUT I can only use one at a time. I have to switch back and forth between the two in order to check my TX frequency.

Not real hard to do but still not as handy as the better systems.

If you have a rig with only XIT or RIT you MUST find a clear spot for the TX and then retune, using the RIT, back to the DX station.

About all you can do if all you have is XIT is to listen to the "area" you want to be in and if it's clear go for it. But you are never really "sure"!

So YES, you can be a courteous operator and still use splits but if you are going to do much true split operation you really need to get the right tools.

It's kinda like trying to race in a NASCAR Winston Cup race. You really should have more than a go cart! :-)

Hope this helps.

Back in my hole.

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Mon, 3 Apr 2000 11:36:28 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67120] RE: Operating:Just wondering...
Message-ID: <NBBBJDEEIFDDANGEGHLBCEPIJIAA.n4xy@att.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Same answer... one of the easiest ways to do this is to use a T/R Switch between your TX/RX/XCVR/whatever and feed a second receiver from it. You ARE limited to the band your TX is operating on-so: no crossband QSOs-but the 2nd rcvr very easily manages to not only check the freq you want to tx on, but allows you to hear the station the DX station you want to QSO is talking to, thus letting you know where he is probably listening for his next QSO.

With my BoatAnchor stuff this is very easily done, and I have a rack of receivers to choose from, since I feed the T/R Switch's RCVR output into a 16 channel receiving multicoupler, and ALL the receivers are 'online' simultaneously. Naturally, most are turned down-audio-wise.

Ed Tanton N4XY <n4xy@arrl.net>

Website: www.qsl.net/n4xy

"Do what's right. You'll please some people, and amaze everyone else."

Mark Twain

Date: Mon, 3 Apr 2000 11:37:57 -0400 (EDT)
From: JOHN FISHER <ve7fdg@mad.scientist.com>
To: Gm0nwi@tesco.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67121] RE: ATT:John A7NO.....You're Mail Keep's Bouncin`.....
Message-ID: <385386336.954776277836.JavaMail.root@web32.pub01>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: "Andy GM0NWI" <Gm0nwi@tesco.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: April 3, 2000 5:59:38 AM GMT
Subject: ATT:John A7NO.....You're Mail Keep's Bouncin`.....

Sorry for the bandwidth guy's but I need to get intouch
DESPERATLEY again with John A7NO.....

John can you contact me again..... I have tried several times to send mail to you but you're server keeps on bouncin' it right back....

Either on the list or direct will do.....

72s de Andy gm0nwi@tesco.net
GM0NWI

va7no@canada.com you missed the v
ve7fdg@mad.scientist.com
2137 duggan rd
nanaimo bc V9S 5N9
canada

FREE Personalized Email at Mail.com
Sign up at <http://www.mail.com/?sr=signup>

Date: 01 Apr 2000 10:35:13 -0500
From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
To: qrp-l;;
Subject: [67122] Re: T2R2 on a chip
Message-ID: <2000Apr01.103513-0500@[130.113.234.7]>

Yes, direct conversion is a hot topic for wireless applications.

But most of those pros who put phasing circuits on a chip are quite satisfied with more than -30dB to -35dB sideband rejection.

As anyone knows who's played with phasing selectivity, improving on -30dB sideband rejection is difficult. The R2 takes care, and gets more than -40dB.

If the pros are satisfied with -35dB for their particular application, we won't see this figure improve. But we'll likely see those chip prices fall, and the convenience of having solid-state selectivity is great. Betcha you'll see such circuits showing in a receiver near you.

Glen VE3DNL

Date: Mon, 03 Apr 2000 16:04:09 +0000
From: Brian Short <bshort@speedchoice.com>
To: qrp-1@lehigh.edu
Subject: [67123] QRP Poll Results
Message-ID: <4.1.20000403160249.026c0dd0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There was also a recent poll on the QRZ site
showing that less than 10% operate QRP:

<http://www.qrz.com/i2.html?results=45>

--
mailto:k7on@earthlink.net
--

Date: Mon, 3 Apr 2000 12:14:44 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'bshort@speedchoice.com'" <bshort@speedchoice.com>, Low Power Amateur Radio
Discussion <qrp-1@Lehigh.EDU>
Subject: [67124] RE: QRP Poll Results
Message-ID: <125490A005E3D3118C9C00805FC743CC3E18EE@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi, Brian,

The QRZ poll would indicate what power level hams use MOST of the time. The ARRL poll, equally unscientific, asks for percentages, so we got those who operate QRP < 25% of the time, although in retrospect, an HF qualifier may have been more helpful on the ARRL poll. They do want to keep the ARRL polls simple, as they really are intended mostly for entertainment; the League commissions formal scientific polls to make its policy decisions.

The most telling number, though, is that less than a majority never operate QRP. :-)

73 from ARRL HQ,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St.
Newington, CT 06111
860-594-0318
Internet: w1rfi@arrl.org

ARRL Web: <http://www.arrl.org/>.
ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----

From: Brian Short [mailto:bshort@speedchoice.com]
Sent: Monday, April 03, 2000 12:04 PM
To: Low Power Amateur Radio Discussion
Subject: QRP Poll Results

There was also a recent poll on the QRZ site
showing that less than 10% operate QRP:

<http://www.qrz.com/i2.html?results=45>

--

mailto:k7on@earthlink.net

--

Date: Mon, 3 Apr 2000 10:27:25 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: <pepperb@gov.on.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67125] Re: chassis/hole punch - Manhattan pads - Catalog SKU# number?
Message-ID: <00ca01bf9d8a\$382bb760\$aa101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks:

Might have been me. The item is #37405, Power Punch Kit, SKU# 7923
6337405. \$20 at Harbor Freight. Comes with 3/32, 1/8, 5/32, 3/16,
7/32, 1/4, 9/32 punch & dies.

FWIW: I also saw a tool that looked like the one above, in the latest
Mouser Cat. Handle/punch-die mount alone was ove \$100.

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----

From: Brien Pepperdine <pepperb@gov.on.ca>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, April 02, 2000 6:34 PM
Subject: chassis/hole punch - Manhattan pads - Catalog SKU# number?

>
> Hi. Some of the Listers obtained a chassis/hole punch from Harbor Freight
> and/or other sources, suitable for punching out the approx. 3/16" inch
> diameter round

Date: Mon, 03 Apr 2000 16:39:52 +0000
From: Brian Short <bshort@speedchoice.com>
To: qrp-l@lehigh.edu
Subject: [67126] RE: QRP Poll Results
Message-ID: <4.1.20000403163328.0281a1a0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Ed,

Thanks for your comments. I understand the polling is unscientific, and probably especially so given that the QRP-L group was encouraged to stuff the ballot box :) (I'm exaggerating, obviously)

Anyway, the transmitter output power used on HF is an interesting statistic, but I was curious if there have been polls regarding the building of kits, or design of projects, or modification, or writing of software programs, or just plain appliance operating?

I would certainly in no way try to interpret the results of these surveys.

Brian

At 04:14 PM 4/3/00 , Hare, Ed, W1RFI wrote:

>Hi, Brian,
>
>The QRZ poll would indicate what power level hams use MOST of the time. The
>ARRL poll, equally unscientific, asks for percentages, so we got those who
>operate QRP < 25% of the time, although in retrospect, an HF qualifier may

>have been more helpful on the ARRL poll. They do want to keep the ARRL polls
>simple, as they really are intended mostly for entertainment; the League
>commissions formal scientific polls to make its policy decisions.

>

>The most telling number, though, is that less than a majority never operate
>QRP. :-)

>

>73 from ARRL HQ,

>Ed Hare, W1RFI

>ARRL Laboratory Supervisor

>225 Main St.

>Newington, CT 06111

>860-594-0318

>Internet: w1rfi@arrl.org

>ARRL Web: <http://www.arrl.org/>.

>ARRL Technical Information Service: <http://www.arrl.org/tis>.

>

>

>

>-----Original Message-----

>From: Brian Short [mailto:bshort@speedchoice.com]

>Sent: Monday, April 03, 2000 12:04 PM

>To: Low Power Amateur Radio Discussion

>Subject: QRP Poll Results

>

>

>There was also a recent poll on the QRZ site

>showing that less than 10% operate QRP:

>

><http://www.qrz.com/i2.html?results=45>

>

>--

>mailto:k7on@earthlink.net

>--

--

mailto:k7on@earthlink.net

--

Date: Mon, 3 Apr 2000 13:08:57 -0400

From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>

To: "'bshort@speedchoice.com'" <bshort@speedchoice.com>, Low Power Amateur Radio
Discussion <qrp-l@Lehigh.EDU>

Subject: [67127] RE: QRP Poll Results

Message-ID: <125490A005E3D3118C9C00805FC743CC3E18F3@mail.arrl.org>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Even more important from the QRZ poll -- more hams "typically" use QRP than typically use >500 W. :-)

73,
Ed Hare, W1RFI

From: Brian Short [mailto:bshort@speedchoice.com]
Sent: Monday, April 03, 2000 12:04 PM
To: Low Power Amateur Radio Discussion
Subject: QRP Poll Results

There was also a recent poll on the QRZ site showing that less than 10% operate QRP:

<http://www.qrz.com/i2.html?results=45>

--
mailto:k7on@earthlink.net
--

Date: Mon, 3 Apr 2000 10:16:06 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [67128] Digital HF QRP & QRPP
Message-ID: <20000403171607.14524.qmail@web701.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

My 1st try at a RTTY contest came this weekend. The EA RTTY test ran from 1600z 4/1/00 - 1600z 4/2/00.

I wimped out a couple times and ran up to 2 watts, but kept my power below 900mW the rest of the time.

As I mentioned in yesterdays QRP-L, after setting up my computer, and K2 for psk31 I "discovered" that RTTY software was also available that runs off the computer soundcard. In fact its exactly the same cables!!

I call that a FB 2 for 1 sale.

<http://www.dxsoft.com/mitrtty.htm>

So, here's my contest results. I hope more of you'all will give HF digital modes a try.

Stn	power	band
I2UIY	700mW	28mHz
YU7AM	700mW	..
UW8I	700mW	..
HA8EK	700mW	..
EA7HBP	700mW	..
YV5AAX	700mW	..
LU3FZW	700mW	..
W7WW	700mW	..
OM3RM	700mW	..
IK4ZIF	700mW	..
EA7GXD	900mW	..
CX7BF	900mW	..
AH6OZ	200mW	..
LV5V	2w	..
EA7FTR	750mW	21mHz
WA1EHK	600mW	..
EI4DW	700mW	..
N1SG	600mW	..
K2NJ	600mW	..
G0LII	700mW	..
VA3SWG	800mW	..
VE7CC	31mW	28mHz
9A5W	800mW	14mHz
KK5OQ	850mW	..
EA9JZ	700mW	..
P43P	700mW	14mHz
RK4LWZ	850mW	..
EA2AVM	750mW	21mHz
DF0KW	750mW	21mHz
EA1ETS	700mW	..
I2SVA	700mW	28mHz
DK1QH	700mW	..

I worked afew of these on more than one band, but didnt include that here. Now I will figure my score and send it in to the EA Club and see how I made out.

Maybe they have a QRP catagory,I might place if I was the only QRP stn that sends in a score! Hi hi

My equipment; TrueTTY software, Elecraft K2 #702, 2 el quad for 10/15M, wire half square at 20ft for 20M

band.

ATTN: K2 owners, see the www.elecrafter.com webpage for applications notes on hooking up your K2.

Anyway, if your computer has a sound card be sure to look at all the psk31 and RTTY links available.

I'll include a few here, and add others to my webpage "Links" page, so check that out as well in a few days.

<http://www.qsl.net/wm2u/psk31.html>
<http://www.aintel.bi.ehu.es/psk31.html>
<http://www.megalink.net/~n1rct/psk/pskin.html>

If I can help anyone get going with psk31 or sound card rtty, please drop me a E-mail at my regular email address, listed below.

I'll be looking for ALLOT of QRP-L members in the psk31 Rumble 4/14 - 4/15. See the contest info in QST for details.

72/71's de Jim KJ5TF
"All milliwatts, All the time"

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Mon, 03 Apr 2000 10:51:05 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-l@LeHigh.edu
Subject: [67129] QRPTTF Rules
Message-ID: <3.0.6.32.20000403105105.0090db90@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ed,

RE: Hi, Paul,

Yes, the QST dates were wrong. Were the old rules still up on your website at QST press time? George doesn't remember exactly what he did, but he thought he might have gotten the rules there.

The rules for 1996, 97, 98 and 99 are on the web site as a matter of the extensive history available free by the NorCal Website. They are specifically listed by the year they are for.

These contest historically have had different themes from year to year to make things interesting and fun. After all that's what QRP is, FUN!

Enjoy,,,72,,,Jerry...WA6OWR...K

The NorCal Page: <http://www.fix.net/norcal.html>

Date: Mon, 3 Apr 2000 10:46:36 -0700
From: Mike Gipe <mgipe@reliablemeters.com>
To: DYARNES@aol.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67130] RE: Schurr Portable Wabblers and Einbau
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928EADC@mission>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

Dave and the group --

I would like to add my own endorsement to Dave's enthusiasm for the Schurr Portabel Wabblers. I own quite a few fine keyer paddles, including a WBL and a LI Mercury, but I often find myself returning to the Wabblers. I've had mine for many years, and it has worked smoothly and flawlessly for all of them.

We are fortunate that we now have Morse Express selling them. They were previously very hard to find, and only limited numbers were shipped to the US.

The Einbau version is a great opportunity, too. I would suggest screwing it to the upper left corner of a clipboard. You can hold the clipboard (with log sheets) in your lap while you sit on a convenient rock in the field, rest your forearm across the clipboard, and send perfect CW with a marvelous paddle. Well, YOU can, anyway. My fist is always a little "human".

See you on April 29.

Mike K1MG

Date: Mon, 03 Apr 2000 11:59:04 -0700
From: QRP <qrp@email.com>
To: qrp-l@lehigh.edu
Subject: [67131] New URL or QRPP Award
Message-ID: <38E8E9F8.377C38D0@email.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

QRPP Low Power Award URL is now:

<http://www.geocities.com/qrpaward/>

WBOJNR

<http://www.rogerwendell.com>

-
--

Date: Mon, 03 Apr 2000 11:18:06 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [67132] TunaTin2: Dave Meacham honored by NJ QRP Club
Message-ID: <20000403181806.26755.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Yesterday Jim Cates presented Dave Meacham with the beautiful plaque that the New Jersey QRP Club awarded Dave for the "Most Significant Contribution to QRP". Jim had accepted it on behalf of Dave at Atlanticon during Ed Hare's presentation. The award will be an annual one awarded by the NJ Club at Atlanticon, and I can think of no one better to receive the first one

than Dave Meacham, W6EMD.

Dave was honored specifically for his work in updating the circuit of the Tuna Tin 2, designed originally by Doug DeMaw, W1FB. W1FB designed the circuit to use commonly available parts at Radio Shack. But, alas, 25 years later, Radio Shack no longer carries those parts. Dave Meacham spent several hours finding substitutes that are readily available today, and tested them to make sure that they would work. NorCal then developed a new board to fit those parts, and also to retain the original shape, so that qrpers could build their own version of the TT2. And, thousands have. The NJ QRP Club started selling TT2 kits last fall, and have been amazed at the response. Ed Hare from the ARRL has been on a "TT2 Mission" for most of the past year, and his efforts together with the NJ kit have resulted in a reurgence of interest in building TT2's. But Dave Meacham was the guy who did the ground work. His efforts allowed the rest of us to enjoy the hobby more. I would like to thank the NJ QRP Club for their recognition of Dave Meacham, W6EMD.

Doug, KI6DS

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 03 Apr 2000 11:31:20 PDT
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [67133] Ham Radio in the News
Message-ID: <20000403183120.93893.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Ham radio operators help rescue boy shot off Honduras coast

Copyright 2000 Nando Media
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By SUSAN PARROTT, Associated Press

DALLAS (April 3, 2000 2:19 p.m. EDT <http://www.nandotimes.com>) - A 13-year-old Dutch boy who was sailing around the world with his parents was shot by suspect drug traffickers off the coast of Honduras and brought here for treatment after a rescue effort launched by ham radio operators.

Willem van Tuijl was flown to Children's Medical Center on Saturday. He was in fair condition Monday with kidney and spinal cord damage, hospital officials said. He was paralyzed from the waist down.

"I feel fine," Willem said from his hospital bed on Monday morning. "It wasn't that bad. I was worrying about my parents because they were sad. I wasn't scared at all."

Jacco van Tuijl, the boy's father, said the attackers boarded the family's 40-foot sailboat Tuesday night off the coast of Honduras and fired repeatedly. The boat flies a U.S. flag.

The pirates then left. The father said he believes they didn't steal the sailboat because they didn't know how to navigate it.

The parents, who weren't hurt, radioed for emergency help and eventually located Jim Hirschman, a Miami doctor and ham radio operator. He guided them in treating the boy for nine hours until help could arrive. The boy's mother, Jennie van Tuijl, is a nurse.

Drug traffickers often use the waters near the Honduran-Nicaraguan border as a transit route for cocaine from Colombia to the United States.

Radio and hospital officials said the van Tuijl family had set sail from the Netherlands several years ago on a trip around the world.

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 3 Apr 2000 12:34:28 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67134] RE: QRP Poll Results
Message-ID: <Pine.SUN.4.10.10004031224590.24310-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 3 Apr 2000, Hare, Ed, W1RFI wrote:

> ARRL poll, equally unscientific, asks for percentages, so we got those who
> operate QRP < 25% of the time, although in retrospect, an HF qualifier may
> have been more helpful on the ARRL poll.

Ed,

When I did the poll yesterday, there was 2300 or so voters. I was rather impressed with the percentages. Seems like about 30% have never operated QRP, with about 65% operating QRP at the different percentages of the time. Very encouraging.

But what I *really* got a kick out of was 8% of those voting answered "I am not active at this time." So why the heck then even vote on a question involving operating habits? That is *not* a criticism towards the ARRL poll, just amazement at what would make 200 totally inactive hams participate in a poll about on-the-air activity.

I interpreted it as 8% of the hams responding are "internet only" hams; those who spend all their ham radio time on the internet TALKING about it!

Good work on the poll Ed. While perhaps not scientific, such polls do serve as a quick "litmus test" with ball park results. And I think those results are encouraging.

72, Paul NA5N

Date: Mon, 3 Apr 2000 12:34:31 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Cc: "CoARES" <coares-d10@qth.net>, "ncarc reflector" <ncarc@qth.net>, <qrp@email.com>
Subject: [67135] FS: Norac1 40A, DD-1 & Clocks
Message-ID: <01a201bf9d9b\$6188a4e0\$aa101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wilderness Radio, NORCAL 40A \$105

This is the first edition 40A sold by Wilderness, with the unpainted case (ideal "to the field rig" no paint to scratch ;-) I bought this

unassembled from another list member a number of months ago. I assembled the kit and it works FB about 2.5W out, and the great NC40A RX! (I was going to convert this to 30m but recent HB plans have taken me in a new direction.)

OHR DD-1 \$65

Another unassembled kit, from another list member, now assembled and working FB. Great little general purpose frequency counter, or "Digital Dial" to use with you QRP rigs.

Qty 3 Atomic Clocks, \$50 each

These are left over from the group buy several months ago. New, still sealed in the package. Travel alarm size clocks that sync with WWVB __and display in 24hr UTC format__!

All prices include shipping CONUS. If you are in the Fort Collins area stop by the house for pickup, and deduct \$5 from the price.

Date: Mon, 03 Apr 2000 12:05:53 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [67136] ARKIECON: KI6DS will talk on how to get on the air for \$50
Message-ID: <20000403190553.55402.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Man, I can hardly wait. Arkiecon is this Saturday in Ft. Smith, Arkansas and is hosted by the Ft. Smith QRP Group. The guys have outdone themselves, and I am really excited. I read Paul's post yesterday and got nervous. I thought that you just headed east until you came to Ft. Smith. Thank goodness Paul straightened me out on that one, I might have ended up in the wrong place. So I got on the computer and decided to look up the distance and direction from Dos Palos. Here is what I came up with:

1467 miles (2361 km) (1275 nautical miles) from Dos Palos, CA to Ft. Smith, AR at a heading of 86.4 degrees. I also noted that the elevation of Dos Palos is 116' asl, and that of Ft. Smith is 446' asl. So I am going to have to go uphill, grin. JayBob, w5jay (some guys have to have their name in their call so they can remember their name, grin.), has routed me through

Dallas. That means I get to take the "rodeo ride in the sky" flight from Dallas to Ft. Smith. I don't have to get a visa to go through Baja Kansas, as we will be flying over and not stopping.

The subject of my talk will be how to get on the air as a qrp operator for \$50. You need the following equipment to get on the air, transceiver, paddles, keyer, antenna tuner, and balanced antenna. (Yes I know you can do it without the tuner and balanced antenna.) The rig will be the NorCal SMK-1 \$30, paddles and TiCK keyer \$10 (more details on how to do that coming later), antenna tuner designed by Charlie Lofgren (Z-Match, with N7VE led indicator and balanced input) \$9, NorCal doublet antenna cut for 40 meters, \$1.

I will also be talking about and showing some other rigs, including the MFJ Cub, the SWL Elmer 101 rig, the new full featured 10 meter rig that NorCal is coming out with in late summer, and various other operating aids.

The main emphasis of my talk will be how to have fun with QRP. Hope to see you there, Saturday at 9:00 AM at the Ft. Smith, AR hamfest. Other speakers are: Paul Harden, NA5N, Jim (Dr. Megacycle) Duffey, KK6MC/5 who has promised to clarify the posting the other day, Dave Gauding, NF0R, and Glen Leinweber, VE3DNL. Not scheduled to speak but making a personal appearance and signing autographs will be "Hanging Judge" Kelsey Mikel, the most famous QRPer in Ft. Smith. See you there. 72, Doug, KI6DS

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 3 Apr 2000 15:12:58 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [67137] Re: T2R2 on a chip
Message-ID: <200004031952.PAA07688@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

There is a brief discription of the Othello, AD6523 system in the latest (Vol 33, 1999) "Analog Dialog", published by Analog Devices, of course.

Anyway, this system is designed specifically to work in the 925 - 960 MHz GSM band (Global System for Mobiles) and the 1805 - 1880 MHz DCS band (Digital Communications Services) Using the chip at HF wouldn't be practical.

Anyway, this is nothing like a R2/T2. There are no phasing circuits for sideband rejection. It uses I/Q modulation.

A direct conversion approach for this type of radio is attractive for several reasons. The most important is reduction of parts. The inherent wide bandwidth of the DC conversion is also a plus. With a DSP chip to decode the signals, multi-channel systems are easy to implement. The DSP can also be programmed to handle different types of systems that require different bandwidths.

Neat stuff, but the types of radios we need for HF QRP work are a whole different type of beast. There are a number of single chip Rx or Tx's on the market now, but they are all designed for UHF, wide bandwidth stuff. Stuff like keyless entry, short haul data communications, personal communications and the like.

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Mon, 3 Apr 2000 16:12:39 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'ki6ds@hotmail.com'" <ki6ds@hotmail.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67138] RE: TunaTin2: Dave Meacham honored by NJ QRP Club
Message-ID: <125490A005E3D3118C9C00805FC743CC3E190C@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Let me echo that sentiment, Doug!

In fact, without the TT2 revival, and Dave's redesign, the original TT2 would never have been, well... revived. It is my belief that once the Back to the Future project was underway, the original TT2 could no longer stay hidden in a box of junk somewhere, so it managed to be found again and is once again working the magic Doug DeMaw started in 1976. But it has been each of a number of people in a chain of events that has made it all happen. Funny how life often works that way.

I was musing about this the other night, and had a thought. How fitting that all the TT2 Mania has come to a head just as Amateur Radio restructuring is underway. Maybe this is all happening to remind us that there are a lot more important things in Amateur Radio than what is asked of ham when they are tested and to keep alive the concept that it is what we do WITHIN Amateur Radio, not what we do to enter it, that defines us as

amateurs.

Everything about that little tuna-fish can that was good and useful to hams in 1976 is still good and useful today. Nothing about the restructuring of ham radio has, or will, change that a bit. And, like some of us, some of the hams of the future, no matter what questions may or may not be asked on their exams, will be drawn to the beautiful simplicity of that little rig, and others rigs like it.

I have always believed that everything in life has a purpose. I am always so pleased when I catch even a glimpse of what the purpose of some of it might be. I think that each of us has a different view on that purpose, but there is something underneath it all that helps bind all those different viewpoints together. Are we not seeing a glimpse of that now, in the things we do together and the things we mutually care about?

I am just honored to have been given a small role in this beautiful unfolding of fellowship. Others, like Dave and so many others, have been equally honored. It kinda' makes all the talk about the doom of Amateur Radio look a bit out of place, does it not? Speaking for myself, and those I have seen experiencing such joy in ham radio of late, I don't feel very doomed at all :-)

73,
Ed Hare, W1RFI

Date: Mon, 3 Apr 2000 15:17:09 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: "Harden, Paul NA5N" <na5n@rt66.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [67139] Re: QRP Poll Results
Message-ID: <00d001bf9da9\$98fcc740\$0200000a@aplitech>

Paul wrote:

| I interpreted it as 8% of the hams responding are "internet only" hams;
| those who spend all their ham radio time on the internet TALKING about it!

And what is wrong with that? How you and I choose to participate in our hobby is our business, just as it is theirs. I find nothing amazing at all here. I can also think of dozens of scenarios where not being active lately would occur. Moving, job pressures, antenna restrictions, other hobbies, children, love (now this one has probably induced spans of inactivity in all of us), and a host of other reasons. And maybe for some it's simply finding the most fun in Amateur Radio is just talking about. I sure think it's an interesting subject of conversation, don't you??

73 de KA0GKC Claton Cadmus

ka0gkc@arrl.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Mon, 3 Apr 2000 16:18:29 -0400

From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>

To: "'Paul Harden, NA5N'" <na5n@rt66.com>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.edu>

Subject: [67140] RE: QRP Poll Results

Message-ID: <125490A005E3D3118C9C00805FC743CC3E190D@mail.arrl.org>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Hi, Paul,

Yes, that is surprising, but there are a number of reasons for inactivity that do NOT stop a ham's interest in ham radio. I have gone years of my ham life without being on the air, but I may have gone to the ARRL Web page. Some may be new hams, licensed, but not yet having a station; others may be old hams, perhaps in a nursing home where antennas are verboten. If they are able to use the ARRL or other fine Web page as a way of staying in touch, that is FB.

Well, Mark Wilson DID say he was looking for suggestions for the ARRL Web page (I will forward any sent to me or posted here), so I just did my duty and sent one his way. I was suprised to see it up the very next day.

It IS a fine litmus test; the majority of hams DO operate with <5 W sometimes. (That could and probably does include a number who use VHF HTs only, but that is QRP, too.)

Kinda' looks better on paper than the typical 5-10% figures, eh? :-)

73, Ed Hare, W1RFI

-----Original Message-----

From: Paul Harden, NA5N [mailto:na5n@rt66.com]

Sent: Monday, April 03, 2000 2:34 PM

To: Hare, Ed, W1RFI
Cc: Low Power Amateur Radio Discussion
Subject: RE: QRP Poll Results

On Mon, 3 Apr 2000, Hare, Ed, W1RFI wrote:

> ARRL poll, equally unscientific, asks for percentages, so we got those who
> operate QRP < 25% of the time, although in retrospect, an HF qualifier may
> have been more helpful on the ARRL poll.

Ed,

When I did the poll yesterday, there was 2300 or so voters. I was rather impressed with the percentages. Seems like about 30% have never operated QRP, with about 65% operating QRP at the different percentages of the time. Very encouraging.

But what I *really* got a kick out of was 8% of those voting answered "I am not active at this time." So why the heck then even vote on a question involving operating habits? That is *not* a criticism towards the ARRL poll, just amazement at what would make 200 totally inactive hams participate in a poll about on-the-air activity.

I interpreted it as 8% of the hams responding are "internet only" hams; those who spend all their ham radio time on the internet TALKING about it!

Good work on the poll Ed. While perhaps not scientific, such polls do serve as a quick "litmus test" with ball park results. And I think those results are encouraging.

72, Paul NA5N

Date: Mon, 3 Apr 2000 16:20:36 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'ka0gkc@arrl.net'" <ka0gkc@arrl.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.edu>
Subject: [67141] RE: QRP Poll Results
Message-ID: <125490A005E3D3118C9C00805FC743CC3E190E@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi, Clayton,

It is sorta' like the hams I know who, though never on the air, show up at

every local club meeting. I consider all those with an active interest in ham radio to be "active" hams in one sense.

Some of my periods inactivity have been during my stint at ARRL HQ; sometimes after talking to hams all day, I go home and play with my stamp collection. :-)

73, Ed Hare, W1RFI

-----Original Message-----

From: Cla KA0GKC [mailto:ka0gkc@arrl.net]

Sent: Monday, April 03, 2000 4:17 PM

To: Low Power Amateur Radio Discussion

Subject: Re: QRP Poll Results

Paul wrote:

| I interpreted it as 8% of the hams responding are "internet only" hams;
| those who spend all their ham radio time on the internet TALKING about it!

And what is wrong with that? How you and I choose to participate in our hobby

is our business, just as it is theirs. I find nothing amazing at all here.

I

can also think of dozens of scenarios where not being active lately would occur. Moving, job pressures, antenna restrictions, other hobbies, children,

love (now this one has probably induced spans of inactivity in all of us), and

a host of other reasons. And maybe for some it's simply finding the most fun

in Amateur Radio is just talking about. I sure think it's an interesting subject of conversation, don't you??

73 de KA0GKC Claton Cadmus

ka0gkc@arrl.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Mon, 3 Apr 2000 15:10:18 -0700 (PDT)

From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>
Subject: [67142] NCJ Web Site
Message-ID: <Pine.GS0.4.10.10004031507020.15050-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

For those who wonder what the NCJ is all about there is now
a fine WEB site.

<http://www.ncjweb.com/>

For anyone interested in contesting at any level there is
a lot of good info to be had in the NCJ. By testers,
for testers.

I used to do a column for them but have turned that over
to Bob, N4BP.

Guess you can say I do or don't have any interest in it now!

OK, back into my hole.....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Mon, 3 Apr 2000 18:14:33 EDT
From: GElam30092@aol.com
To: qrp-1@lehigh.edu
Subject: [67143] OT: Frequency (the movie that is)
Message-ID: <2.21e1dfe.261a71c9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I was looking for something else and came across the movie trailer for
Frequency. It appears to be like a reversal of "Back to the Future" with a
ham radio twist.

Be warned: to view the trailer, it takes QuickTimePlayer which is a fairly large install. The trailer itself runs 2:25 minutes and that file is about 11.5 Mb.

<http://www.adcritic.com/content/movie-frequency.html>

Cheers,
Gerry

Date: Mon, 03 Apr 2000 16:42:47 -0500
From: K10J <k10j@ditdit.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67144] Re: Frequency (the movie that is)
Message-ID: <000c01bf9db5\$8fd67060\$0ea7bfd0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

The callsign used is W2QYV. I tried to look the trustee of the Niagara Radio Club, but had no luck. The call listed is W20VP.

OJ
ditdit

Date: Mon, 3 Apr 2000 17:36:11 -0400
From: joe lerch <jl@early.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67145] OT: Alternator noise (followup)
Message-ID: <00040317434300.00291@->
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Thanks to all that offered help with our problem of alternator noise in the new ICOM 2100H 2 meter rig we installed in the wife's car. After two weeks of wire cutting, installing a noise filter (and ordering a capacitor from Mouser electronics), it turned out all I needed was an empty plastic (Downy) bottle. I cut a small piece and slid it between the the top of the bracket that holds the Icom and the car radio to insulate the two, and the noise disappeared. I am not sure if I needed to cut the wires or install the noise filter, but now that it is done, they will stay that way. Some times it's the little things that get

you.

joe (KC3GV)

Date: Mon, 03 Apr 2000 17:52:48 -0500
From: Marty <N5NW@midsouth.rr.com>
To: qrp-l@lehigh.edu
Subject: [67146] Re: Frequency (the movie that is)
Message-ID: <q28ies85uecam5328h19tioouq3og5m0ga@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Mon, 03 Apr 2000 16:42:47 -0500, K10J <k10j@ditdit.com> wrote:

>The callsign used is W2QYV. I tried to look the trustee of the Niagara
>Radio Club, but had no luck. The call listed is W20VP.

According to what I had heard several months ago, the League helped the
producers choose an accurate but unused callsign.

Question may be which amateur is the first to request it as a vanity =
call!!

(I'm pretty sure I wouldn't want it on CW)

--
Marty, N5NW

-----=

Lakeland (Memphis), Tennessee =
<http://marty.w.tripod.com/>
N5NW@midsouth.rr.com

End of QRP-L Digest 1780

